Preliminary Classification:

Proposed Class:

Subclass:

NOTE:

"All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. § 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Roger LEVILLAIN and René JOULIE

WARNING: 37 C.F.R.§ 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(I) is filed supplying or changing the name or names of the inventor or inventors."

For (title): Making a Composite Insulator Body

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mail label number is **mandatory**) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date, <u>July 17, 2003</u>, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number <u>EV 252883165 US</u>, addressed to the Commissioner for Patents, Washington, D.C. 20231.

Annemarie L. Maher type or print name of person mailing paper

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed.

Reg. 56,439, at 56,442.



1. Type of Application This new application is for a(n) (check one applicable item below) □ Original (nonprovisional) □ Design □ Plant WARNING: "Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 37(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application. WARNING: Do not use this transmittal for the filing of a provisional application. NOTE: If one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION. □ Divisional

2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designated the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

Continuation

□ Continuation-in-part (C-I-P)

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120,121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 199, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

VA	KIVIIV	G.	Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).
			The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3.	Pap	oers	Enclosed
	4 2	1.1 Pa Pa	quired for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 53 (Design) Application ages of specification ages of claims eets of drawings
	WAI	RNIN	IG: DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).
	NOT	re:	"Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm (5/8 inch) down from the top of the page" 37 C.F.R. § 1.84(c)).
			(complete the following, if applicable)
			The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).
			The enclosed drawing(s) are in color. Three (3) sets of color drawings and a "PETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 C.F.R. §§ 1.84(a)(2) and 1.84(b).
		×	formal informal
	В.	Oth	ner Papers Enclosed
	1	_ Pa	ages of declaration and power of attorney ages of abstract ther
١.	Ad	ditio	onal papers enclosed
		Am	nendment to claims
		the	ncel in this application claims before calculating filing fee. (At least one original independent claim must be retained for ag purposes.)
		be	d the claims shown on the attached amendment. (Claims added have en numbered consecutively following the highest numbered original ims.)

	X	Preli	mina	ry Amendment				
X		Information Disclosure Statement (37 C.F.R. § 1.98)						
	\boxtimes	Form PTO-1449 (PTO/SB/08A and 08B)						
	X	Citat	ions	•				
		Deck	aratio	on of Biological Deposit				
			ndme	on of "Sequence Listing," computer readable copy and/or ent pertaining thereto for biotechnology invention containing e and/or amino acid sequence				
				ation of Attorney(s) to Accept and Follow Instructions from natative				
		Spec	cial C	Comments				
		Othe						
_		-14		or oath (including power of attorney)				
5 .				or oath (including power of attorney)				
NOTE:		A newly executed declaration is not required in a continuation or divisional application provided that the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under § 1.47, then a copy of that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)-(3).						
NOTE:		which given reside	A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name including family name and at least one given name, without abbreviation together with any other given name or initial, and the residence, post office address and country or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. § 1.63(a)(1)-(4).					
NOTE:		"The inventorship of a nonprovisional application is that inventorship set forth in the oath of declaration as prescribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If a oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(is filed supplying or changing the name or names of the inventor or inventors." 37 C.F.R. 1.41(a)(1).						
		X I	Enclo	osed				
		1	Exec	suted by				
				(check all applicable boxes)				
		(⊠ i	nventor(s).				
		1		egal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.				
				oint inventor or person showing a proprietary interest on behalf of ator who refused to sign or cannot be reached.				
		{	r	This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F. R. § 1.47 is also attached. See item 13 below for ee.				
			Not E	Enclosed				

NOTE:	comp Appli may	the filing is a completion in the U.S. of an International Application or where the letion of the U.S. application contains subject matter in addition to the International cation, the application may be treated as a continuation or continuation-in-part, as the case be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT RIOR U.S. APPLICATION CLAIMED.				
	I	Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of <i>all</i> the above named inventor(s).				
(The declaration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can if filed subsequently).						
		☐ Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))				
6. Inv	ento	rship Statement				
WARNIN		G: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.				
The inv	entor	ship for all the claims in this application is:				
	The	same.				
		or				
		the same. An explanation, including the ownership of the various claims e time the last claimed invention was made,				
		is submitted.				
		will be submitted				
.						
7. Lai	ngua					
NOTE:	Engli of \$1	pplication including a signed oath or declaration may be filed in a language other than sh. An English translation of the non-English language application and the processing fee 30.00 required by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within time as may be set by the Office. 37 C.F.R. § 1.52(d).				
		English Non English				
		☐ The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).				
8. As	signr	ment				
	X	An assignment of the invention toSEDIVER, SOCIETE				
	EUF	ROPEENNE D'ISOLATEURS EN VERRE ET COMPOSITE				
		is attached. A separate □ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or				
		□ will follow.				

NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).

(New Application Transmittal [4-1] page 5 of 11)

WARNING:		A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 OG 62-64.								
	This is a ☐ continuation for the parent application									
						Reel_		<u></u>		
						Frame				
9.	Certific	ed Copy								
		d copy(ies)	of applica	• •						
	France Countr			0209 Appl	<u>153</u> n. No.		July	18, 2002 Filed		
				- 11						
	Countr	у		Appl	n. No.			Filed		
fror	n which	priority is o	laimed:							
	⊠ □	is (are) att			•					
10.	TE: Thi par und iten OF	s item is for a ent U.S. appl der 35 U.S.C. n 18 on the A PRIOR U.S. A alculation (any foreign pication or Ir § 120 is itse ADDED PAG APPLICATIO	nternational Appli lif entitled to prio SES FOR NEW A DN(S) CLAIMED. § 1.16)	ication f rity from	from which thing a prior foreig	filed directly relati s application clair n application, ther SMITTAL WHERE	ns benefit complete		
				CLAIMS AS	FILEC)				
Nu	mber file	ed		Number Extr	а	Rate	37 C.F.R. § 1	ic Fee 1.16(a) 50.00		
	al Clain C.F.R.	ns § 1.16(c))	8 - 20 =	0	×	\$18.00 =				
		nt Claims § 1.16(b))	1 - 3 =	0	x	\$84.00 =				
		pendent cla C.F.R. § 1.			+	\$280.00		*		
NO		Amendme Fee for ex the fees for ex	ent deletin ktra claims ktra claims a		pender paid at ling, the	ncies is enc this time. y must be pai	losed. d or the claims cases			
				ce of fee deficient				aioni and		

Filing Fee Calculation

750.00

E	3.		Design application (\$310.00 – 37 C.F.R. § 1.16(f))
			Filing Fee Calculation \$
(Э.		Plant application
			(\$480.00 - 37 C.F.R. § 1.16(g))
			Filing Fee Calculation \$
11. Sma	II E	ntit	y Statement(s)
			ent(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and are) attached.
WARNING		whice pater whice has divised 1.53 entite appliant the transfer of the desired pater which the desired pater which the transfer of transfer of the transfer of transfe	us as a small entity must be specifically established in each application or patent in the status is available and desired. Status as a small entity in one application or at does not affect any other application or patent, including applications or patents are directly or indirectly dependent upon the application or patent in which the status been established. The refiling of an application under § 1.53 as a continuation, on, or continuation-in-part (including a continued prosecution application under § d)), or the filing of a reissue application requires a new determination as to continued ement to small entity status for the continuing or reissue application. A nonprovisional cation claiming benefit under 35 U.S.C. § 119(e), 120, 121, or 365(c) of a prior cation, or a reissue application may rely on a statement filed in the prior application or a patent if the nonprovisional application or the reissue application includes a reference a statement in the prior application or in the patent or includes a copy of the statement are prior application or in the patent and status as a small entity is still proper and end. The payment of the small entity basic statutory filing fee will be treated as such a ence for purposes of this section." 37 C.F.R. § 1.28(a)(2).
WARNING) <i>:</i>	state	all entity status must not be established when the person or persons signing the ment can unequivocally make the required self-certification." M.P.E.P., § 509.03, 6 th ev. 2, July 1996 (emphasis added).
			(complete the following, if applicable)
			Status as a small entity was claimed in prior application
			/, filed on, from which benefit is being claimed for this application under:
			35 U.S.C. § □ 119(e),
			□ 120, □ 121,
			□ 121, □ 365(c),
			and which status as a small entity is still proper and desired.
			☐ A copy of the statement in the prior application is included.
			Filing Fee Calculation (50% of A , B , or C above)
			\$
NOTE:	ar	e file	cess of the full fee paid will be refunded if a small entity statement and a refund request d within 2 months of the date of timely payment of a full fee. The two-month period is endable under § 1.136. 37 C.F.R. § 1.28(a).
12. R q	ues	st fo	r Int rnational-Type S arch (37 C.F.R. § 1.104(d))
			(complete, if applicable)
			prepare an international-type search report for this application at the en national examination on the merits takes place.

13. Fee	e Pa	yment Being Made at This Tim		
	Not Enclosed			
	□ No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) can subsequently.)			
×	End	closed		
	X	Filing fee	\$ <u>750.00</u>	
	X	Recording assignment (\$40.00 – 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.")	\$ <u>40.00</u>	
		Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00 – 37 C.F.R. §§ 1.47 and 1.17(i))	\$	
•		For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$	
		Processing and retention fee (\$130.00, 37 C.F.R. §§ 1.52(d) and 1.21(l))	\$	
		Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$	
NOTE:	37 C.F.R. § 1.21(I) establishes a fee for processing and retaining any application that is abandoned for failing to complete the application pursuant to 37 C.F.R. § 1.53(f) and this, as well as the changes to 37 C.F.R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must be paid, or the processing and retention fee of § 1.21(I) must be paid, within 1 year from the notification under § 53(f).			s well efit of
	То	tal fees enclosed	\$	<u>790.00</u>
14. Me	tho	d of Payment of Fees		
×	Att	ached is a ⊠ check □ money order in the amount of \$	790.00	
	Au	thorization if hereby made to charge the amount of \$		
		to Deposit Account No		
		to credit card as shown on the attached credit card infor authorization form PTO-2038	mation	
□ in		arge any additional fees required by this paper or credit any c manner authorized above. A duplicate of this transmittal is a		ent
NOTE:		es should be itemized in such a manner that it is clear for which purpose the $i.R.\ \S\ 1.22(b).$	fees are pa	id. 37

(New Application Transmittal [4-1] page 8 of 11)

15. Authorization to Charge Additional Fees

WARNING:		If no fees are to be paid on filing, the following items should <u>not</u> be completed.				
WARNING:		Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.				
		The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No23-0442				
		 ☑ 37 C.F.R. § 1.16(a), (f), or (g) (filing fees) ☑ 37 C.F.R. § 1.16(b), (c), and (d) (presentation of extra claims)				
	presented the 1.16	nuse additional fees for excess or multiple dependent claims not paid on filing or on later entation must only be paid or these claims canceled by amendment prior to the expiration of time period set for response by the P.T.O. in any notice of fee deficiency (37 C.F.R. § (d)), it might be best not to authorize the P.T.O. to charge additional claim fees, except tibly when dealing with amendments after final action.				
		☐ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)				
		☐ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))				
		☐ 37 C.F.R. § 1.17 (application processing fees)				
WARNING:		"A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).				
		☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))				
NOTE:	maili	re an authorization to charge the issue fee to a deposit account has been filed before the ing of a Notice of Allowance, the issue fee will be automatically charged to the deposit unt at the time of mailing the Notice of Allowance. 37 C.F.R. § 1.311(b).				
NOTE:	to sn is be n	F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement nall entity status must be filed in the application prior to paying, or at the time of paying, . sue fee." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must nade even if the fee is paid as "other than a small entity" and (b) no notification is required if thange is to another small entity.				

16. Instructions as to Overpaym nt

NOTE:

"...Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

X	Credit Account No.	23-0442

☐ Refund

Date: July 17, 2003

Reg. No. 27,550

Tel. No. (203) 261-1234

Customer No. 004955

SIGNATURE OF PRACTITIONER

Alfred A. Fressola

(type or print name of practitioner

Ware, Fressola, Van Der Sluys & Adolphson, LLP_

P.O. (Correspondence) Address

Building Five, Bradford Green 755 Main Street, P.O. Box 224 Monroe, CT 06468

(New Application Transmittal [4-1] page 10 of 11)

	Inc	ncorporation by reference of added pages							
	prio sta the	eck the following item if the application in this transmittal claims the benefit of or U.S. application(s) (including an international application entering the U.S. ge as a continuation, divisional or C-I-P application) and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE NEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.)							
		Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed							
		Number of pages added							
		Plus Added Pages for Papers Referred to in Item 4 Above							
		Number of pages added							
		Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.							
		Number of pages added							
		Plus "Assignment Cover Letter Accompanying New Application"							
		Number of pages added							
×	Statement Where No Further Pages Added								
		(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item.							
	X	This transmittal ends with this page.							